

# Prof. Dr. Ir. Lisa Mawarni, MP

Lecturer of Doctoral Program in Agricultural Science Study Program  
Faculty of Agriculture  
Universitas Sumatera Utara

✉ [lisa.mawarni@usu.ac.id](mailto:lisa.mawarni@usu.ac.id)

🏠 [USU Faculty of Agriculture](#)

🌐 [fp.usu.ac.id/en/lecturer/lisa-mawarni](http://fp.usu.ac.id/en/lecturer/lisa-mawarni)

*Prof. Dr. Ir. Lisa Mawarni, M.P., born in Medan on May 26, 1964, is a lecturer at the Universitas Sumatera Utara with expertise in Agronomy, Plant Physiology, and Botany. She has several awards, including Satyalancana Karya Satya for 10, 20, and 30 years.*

## Education Profile:

- Bachelor's degree from the Universitas Sumatera Utara
- Master's degree from the Universitas Sumatera Utara
- Doctoral degree from the Universitas Sumatera Utara

*Prof. Dr. Ir. Lisa Mawarni, M.P., with expertise in Agronomy, Plant Physiology, and Botany, has significantly contributed to the development of agrotechnology science. The award she received reflects her dedication to academia and community service at the Universitas Sumatera Utara.*

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## Publications

2017

Jurnal nasional

### **Respon Pertumbuhan Bibit Kopi Robusta (Coffea robusta L.) Terhadap Pemberian Pupuk Kandang Ayam dan Pupuk Organik Cair: Growth Response of Robusta Coffee Seedling to The ...**

LISA MAWARNI

2021

Prosiding seminar internasional

### **Physiological character analysis of two shallot varieties at various watering frequencies**

LISA MAWARNI , NINI RAHMAWATI

2018

Jurnal internasional

### **Role of elicitors foliar application in increasing isoflavone content of two soybean cultivars.**

YAYA HASANAH , LISA MAWARNI , LUTHFI AZIZ MAHMUD SIREGAR

2020

Jurnal internasional bereputasi

### **Exploration and identification of anredera cordifolia morphological characters in the highlands and lowlands**

LISA MAWARNI , YAYA HASANAH

2015

Jurnal nasional

### **Tanggap Tiga Varietas Kedelai Sebagai Tanaman Sela di Perkebunan Karet Tbm 1 Terhadap Pemberian Rhizobium**

LISA MAWARNI , LUTHFI AZIZ MAHMUD SIREGAR , Radite Tistama

2022

Prosiding seminar internasional

### **The timing of sonic bloom application on cabbage (Brassica oleraceae) for**

## **foliar fertilizer effectiveness**

RATNA ROSANTI LAHAY , LISA MAWARNI

2014

Jurnal nasional

### **Respons pertumbuhan dan produksi kedelai (*Glycine max L.(merill)*) di lahan kering terhadap inokulasi *Bradyrhizobium japonicum* yang diinduksi genistein dan pemberian pupuk organik**

YAYA HASANAH , LISA MAWARNI

2025

Jurnal nasional terakreditasi

### **Pertumbuhan dan Hasil Mentimun Jepang terhadap Pemberian Pupuk Organik Cair**

LISA MAWARNI , NINI RAHMAWATI

2011

Jurnal nasional

### **Kajian awal varietas kedelai tahan naungan untuk tanaman sela pada perkebunan kelapa sawit**

LISA MAWARNI

2021

Jurnal nasional terakreditasi

### **Eco enzyme and its benefits for organic rice production and disinfectant**

LISA MAWARNI , HAMIDAH HANUM , YAYA HASANAH

2019

Jurnal nasional

### **Pertumbuhan Dan Produksi Padi Merah (*Oryza Nivara L.*) Terhadap Pemberian Dua Sumber Nitrogen**

LISA MAWARNI , CHAIRANI HANUM L

2019

Jurnal internasional bereputasi

### **Physiological characteristics of binahong (*Anredera cordifolia (Ten.) Steenis*) on application of natural Plant Growth Regulator.**

LISA MAWARNI , HERLA RUSMARILIN , YAYA HASANAH

2023

Prosiding seminar nasional

### **Respon Pertumbuhan Tanaman Padi Gogo Sigambiri Merah Terhadap Suhu, Kelembapan Tanah dan Ketebalan Mulsa di Dataran Tinggi**

LISA MAWARNI

2013

Jurnal nasional

### **Respon Pertumbuhan Dan Produksi Empat Varietas Kedelai (*Glycine Max L.*) Terhadap Tingkat Naungan**

LISA MAWARNI

2019

Jurnal internasional bereputasi

### **Physiological characteristics of binahong (*Anredera cordifolia (ten.) steenis*) on application of natural plant growth regulator**

YAYA HASANAH , LISA MAWARNI , HERLA RUSMARILIN

2023

Prosiding seminar nasional

### **Respon Produksi dan Kandungan Klorofil Beberapa Varietas Kacang Hijau (*Vigna radiataL.*) pada Aplikasi Pupuk Majemuk K-Ca-Mg-S**

LISA MAWARNI , YAYA HASANAH

2023

Prosiding seminar internasional

### **The content of nitrogen, phosphorus and potassium of shallot (*Allium***

## **ascalonicum L.) varieties with different method of cultivation and altitude**

LISA MAWARNI , YAYA HASANAH , FARUJA RIZKI WIRAWAN , IRFAN KURNIAWAN

2019

Prosiding seminar internasional

### **Seed Characteristics of Soybean Cultivars As Affected by Foliar Application of Elicitors**

LISA MAWARNI , LUTHFI AZIZ MAHMUD SIREGAR , YAYA HASANAH

2024

Prosiding seminar internasional

### **The use of natural minerals compound fertilizers for the production of sweet corn**

LISA MAWARNI

2019

Prosiding seminar internasional

### **Changes in biochemical characteristics in shade soybean plants**

LISA MAWARNI

2013

Jurnal nasional

### **Respon pertumbuhan dan produksi empat varietas kedelai (Glycine max L.) terhadap tingkat naungan**

LISA MAWARNI

2019

Prosiding seminar internasional

### **Correlation of net photosynthesis to the sum of productive branches and seed weight on shaded soybean**

LISA MAWARNI

2019

Prosiding seminar internasional

### **Physiological Characteristics Analysis of Leaves of Several Sweet Potato (Ipomoea batatas L.) Genotypes on Various Watering Level**

NINI RAHMAWATI , LISA MAWARNI

2017

Jurnal nasional

### **Perbedaan Pertumbuhan Dua Varietas Kelapa Sawit(Elaeis guineensisJacq.) pada Komposisi Media Tanam di Pre Nursery**

LISA MAWARNI

2023

Prosiding seminar internasional

### **Effect of mulch weight on temperature, soil moisture and vegetative growth of Sigambiri Merah in lowlands**

DEDI KUSBIANTORO , LUTHFI AZIZ MAHMUD SIREGAR , CHAIRANI HANUM L , LISA MAWARNI

2019

Jurnal nasional terakreditasi

### **The Effect Cuttings Part and Planting Media Composition to The Growth Seeds Dragon Fruit (Hylocereus costaricensis (Web) Britton & Rose)**

CHAIRANI HANUM L , LISA MAWARNI

2019

Jurnal nasional

### **Growth and Yield Response of Okra (Abelmoschus esculentus L. Moench) with Bio-slurry of cow**

LISA MAWARNI , CHAIRANI HANUM L

2022

Prosiding seminar internasional

### **Effect of chicken manure and pruning on kyuri cucumber plant**

LISA MAWARNI

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2019

Jurnal internasional bereputasi

## **Determination of leaf status of soybean varieties on shading**

LISA MAWARNI

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2025

Jurnal nasional

## **Meningkatkan Pengetahuan Pelajar Tentang Klasifikasi Sampah Kering Dan Sampah Basah**

FADYLLA RAMADHANI PUTRI NASUTION , LISA MAWARNI

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## **Researches**

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2022

Penelitian Disertasi Doktor

## **PEMANFAATAN SEKAM BAKAR DAN MULSA ORGANIK DALAM PENINGKATAN HASIL DAN PENURUNAN AMILOSA PADI GOGO SIGAMBIRI MERAH**

LUTHFI AZIZ MAHMUD SIREGAR , LISA MAWARNI , CHAIRANI HANUM L , DEDI KUSBIANTORO

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2019

## **Kajian Morfofisiologi Dan Kandungan Saponin Binahong (*Anredera cordifolia* (L.) Steenis) Sebagai Tanaman Obat Potensial Melalui Aplikasi Zat Pengatur Tumbuh**

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2019

Penelitian Unggulan Perguruan Tinggi

## **OPTIMASI PRODUKSI DAN KANDUNGAN FITOKIMIA BINAHONG (*Anredera cordifolia* (L.) Steenis) SEBAGAI SUMBER FITOFARMAKA BERBASIS SUMBER DAYA LOKAL**

YAYA HASANAH , LISA MAWARNI , HERLA RUSMARILIN , ASPRI OKI PRASTYA , NURHAIDA , GRACE C T MANURUNG , ASMADI RISMAN HASIBUAN

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2024

Penelitian Tim Pasca Sarjana

## **Pengaruh Pemangkasan Pucuk dan Eco Enzyme Terhadap Profil Rasa dan Kualitas Nutrisi Pada Daun Stevia (*Stevia rebaudiana*)**

LISA MAWARNI , CHAIRANI HANUM L

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2021

## **Rekayasa Teknologi Budidaya untuk Mendapatkan Good Agricultural Practices Binahong (*Anredera Cordifolia* (L.) Steenis) sebagai Sumber Fitofarmaka Berbasis Sumberdaya Lokal**

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## **Intellectual Property Rights**

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2025

Hak cipta nasional

## **Buku Pertanian Modern**

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2025

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## **Buku Agronomi Lanjutan**

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